

## STORY COUNTY UTILITY PERMIT

Date 3/10/22

To the Board of Supervisors, Story County, Iowa:

The Interstate Power & Light (Alliant Energy) Company, incorporated under the laws of Iowa, authorize to do business within the State of Iowa, with its principal place of business at Gilbert, IA, does hereby make application requesting permission to occupy certain portions of public right-of-way and that the County Engineer be directed to establish the location of lines of transmission of electricity on secondary route multiple roads, from 170th St to 190th St, a distance of 2 miles.

Agreements: The utility company, corporation, applicant, permittee, or licensee, (hereinafter referred to as the permittee) agrees that the following stipulations shall govern under this permit.

1. The Permittee will file a plat setting out the location of proposed line on the secondary route and that the description of the proposed installation including type, height, and spacing of poles, maximum voltage, lengths of cross arms, minimum clearance and number of wires, type, size and capacity of underground cables, conduits, tile lines, and pipe lines, maximum working pressures for pipe lines carrying gas or flammable petroleum products are described as follows:
  
2. The installation shall meet the requirements of county, state, and federal laws, franchise rules, and of the Iowa State Commerce Commission Regulations and Directives, Utilities Division, the Iowa State Department of Health, and any other laws or regulations applicable.
  
3. The Permittee shall be fully responsible for any future adjustments of its facilities within the established highway right-of-way caused by highway construction or maintenance operations.
  
4. Story County assumes no responsibility for damages to the Permittee's property occasioned by any construction or maintenance operations on said highways.
  
5. The Permittee shall take all reasonable precautions during the construction and maintenance of said installation to protect and safeguard the lives and property of the traveling public and adjacent property owners.
  
6. The Permittee, and its contractors, shall carry on the construction or repair of the accommodated utility with serious regard to the safety of the public. Traffic protection shall be in accordance with Part VI of the current Iowa Department of Transportation Manual on Uniform Control Devices for Streets and Highways.
  
7. The Permittee shall be responsible for any damage resulting to said highways because of the construction operation, or maintenance of said utility, and shall reimburse Story County for any expenditure the County may have to make on said highways because of said permittee's utility having been constructed, operated, and maintained thereon.
  
8. The Permittee shall indemnify and save harmless Story County from any and all causes of action, suits at law or in equity, or losses, damages, claims, or demands, and from any and all

liability and expense of whatsoever nature for, on account of or due to the acts or omissions of said Permittee's officers, members, agents, representatives, contractors, employees or assigns arising out of or in connection with its (or their) use or occupancy of the public highway under this permit.

9. Noncompliance with any of the terms of permit, or agreement, may be considered cause for shut down of utility construction operations, or revocation of the permit.

10. The following special requirements, if applicable, shall apply to this permit:

Whenever the route of the proposed cable line runs along a paved secondary highway, the location of said cable shall be constructed on top of the road shoulder so as to be within approximately two-feet of the pavement edge.

Whenever the route of the proposed cable line runs along a dirt or gravel surfaced highway, the location of said cable shall be constructed on top of the road surface and as near possible to the shoulder line

Whenever a cross road culvert or bridge is encountered along the route of the proposed cable lines, said cable shall be constructed around the ends of said cross road culvert or bridge even though this looping is not designated on the situation plans attached hereto.

The crossing of the cable line from one side of the highway to the other shall be accomplished at a near right angle rather than diagonally so as to disturb the roadbed of the traveled way as little as possible.

Whenever the route of the proposed cable line is to cross a paved highway, such crossing shall be in a bored hole rather than open cut trench.

Date 3/2/22

Interstate Power & Light (Alliant Energy)

Name of Company (Applicant - Permittee)

Matthew O. Deam 641-481-6108

by \_\_\_\_\_ Phone no.

Recommended for Approval:

Date 3-16-22

Matthew Deam 515-382-7355

County Engineer Phone no.

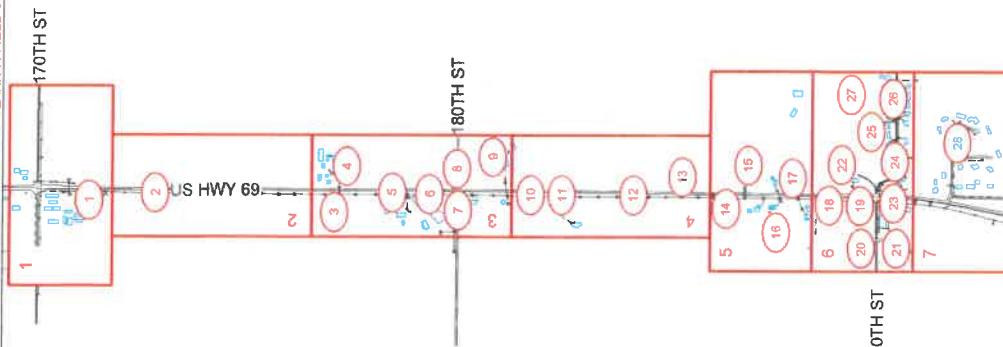
Approved:

Date \_\_\_\_\_

Chair, Board of Supervisors  
Story County, Iowa

Three (3) copies of this form will be required for each installation. A plat shall be attached to each copy submitted.

UTILITIES SHOWN ON THIS PLAN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES FROM FIELD VERIFICATION AND CONTACT WITH UTILITY OWNERS. CONTRACTOR IS TO FOLLOW NESC CODE AND ALLIANT ENERGY IBL CONSTRUCTION STANDARDS AT ALL TIMES. Guying, Anchoring, Pole Location and Conductor are shown to reflect general real world locations and direction and should not be interpreted as exact. Some intended structure locations and directions are manipulated for drawing neatness and clarity. Field verification is required prior to construction. Right of Way and parcels are depicted in accordance with available county GIS data.



VICINITY MAP



PROJECT LOCATION

PROJECT CONTACTS

CONTRACT DESIGNER:  
DYLAN VASSAR  
(920) 352-2495 (CELL)

IOWA ONE CALL:  
(800) 292-8989 OR 811

PERMITS REQUIRED:  
IDOT  
STORY COUNTY

N

ALL RETIREMENT IS BLUE

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FIELDED BY: D.V. DATE: 1/24/2022		DRAFTED BY: T.J. DATE: 2/10/2022	
DESIGNED BY: D.V. DATE: 1/24/2022		IOWA RE: A.S. APPROVAL DATE:	
		OVERVIEW	

LINETYPEs

EXISTING SECONDARY/SERVICE	EASEMENT	GAS	WATER	ELECTRICAL	STORM	SANITARY	CABLE TV	TELEPHONE
NEW SECONDARY	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
EXISTING LINE LG	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
NEW PHLINE LG	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
NEW PHLINE UG	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
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NEW PHLINE UG	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
EXISTING LINE OH	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
NEW PHLINE OH	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
NEW PHLINE OH	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

SYMBOL LEGEND

NEW POLE	POWER RED NEW	POWER RED EXISTING						
TRANSISSION POLE NEW	-	-	-	-	-	-	-	-
TRANSISSION POLE EXISTING	-	-	-	-	-	-	-	-
POLE EXISTING	-	-	-	-	-	-	-	-
ANCHOR NEW	-	-	-	-	-	-	-	-
ANCHOR EXISTING	-	-	-	-	-	-	-	-
CAPACITOR NEW	-	-	-	-	-	-	-	-
CAPACITOR EXISTING	-	-	-	-	-	-	-	-
SWITCH Q NEW	-	-	-	-	-	-	-	-
SWITCH Q EXISTING	-	-	-	-	-	-	-	-
FUSE NEW	-	-	-	-	-	-	-	-
FUSE EXISTING	-	-	-	-	-	-	-	-
GROUND NEW	-	-	-	-	-	-	-	-
GROUND EXISTING	-	-	-	-	-	-	-	-
SWITCH H.C. NEW	-	-	-	-	-	-	-	-
SWITCH H.C. EXISTING	-	-	-	-	-	-	-	-
STREET LIGHT	-	-	-	-	-	-	-	-
COMM PEDSTAL	-	-	-	-	-	-	-	-

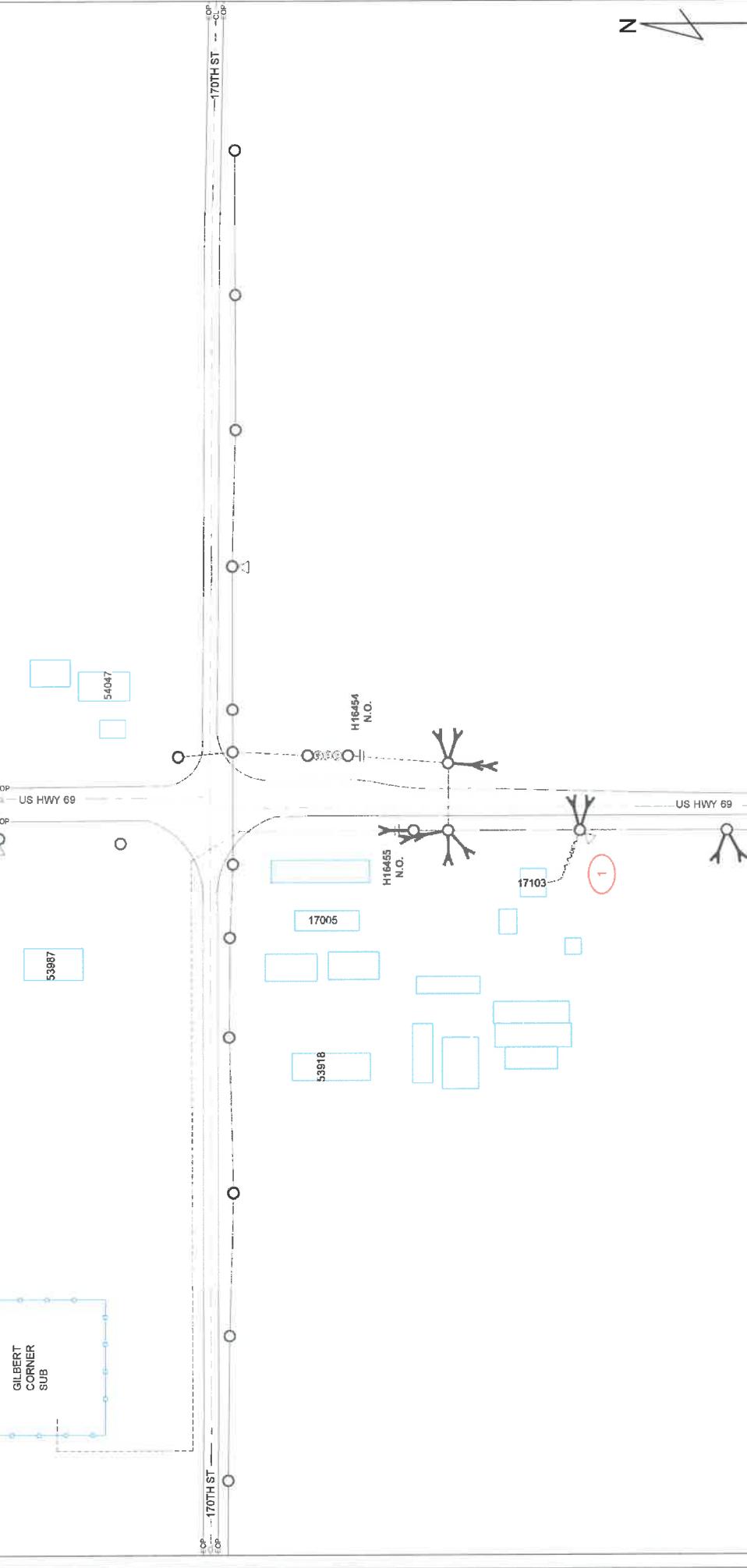
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LOCATION: GILBERT, IA



Free the Line - Omega Ray - 800.463.8090

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LOCATION:		GILBERT, IA	
ALLIANT ENERGY WORK REQUEST #		4236874	
FIELDED BY:	D.V.	DATE:	1/24/2022
DRAINED BY:	T.J.	DATE:	2/10/2022
DESIGNED BY:	D.V.	DATE:	1/24/2022
IOWA PE:	A.S.	APPROVAL DATE:	

#### SYMBOL LEGEND

NEW POLE	POWERED NEW
TRANSITION	CAPACITOR NEW
POLE NEW	POLE EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	ANCHOR NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	ANCHOR EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	FUSE NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	HOSE EXISTING
TRANSFORMER 2PH POLE MOUNTED NEW	GROUND NEW
TRANSFORMER 2PH POLE MOUNTED EXISTING	SWITCH N.C. NEW
TRANSFORMER 1PH POLE MOUNTED NEW	SWITCH N.C. EXISTING
TRANSFORMER 1PH POLE MOUNTED EXISTING	SWITCH N.C. EXISTING
TRANSFORMER 1PH POLE MOUNTED NEW	STREET LIGHT
TRANSFORMER 1PH POLE MOUNTED EXISTING	COMIN' PESTAL

#### LINETYPE

EXISTING SECONDARY/SERVICE	EASEMENT
EXISTING LINE US	GAS
NEW 2PH LINE LG	WATER
EXISTING LINE US	ELECTRICAL
NEW 3PH LINE US	STORM
EXISTING LINE OH	SANITARY
NEW 3PH LINE OH	CABLE TV
EXISTING LINE OH	TELEPHONE
NEW 1PH LINE OH	NEW 1PH LINE OH



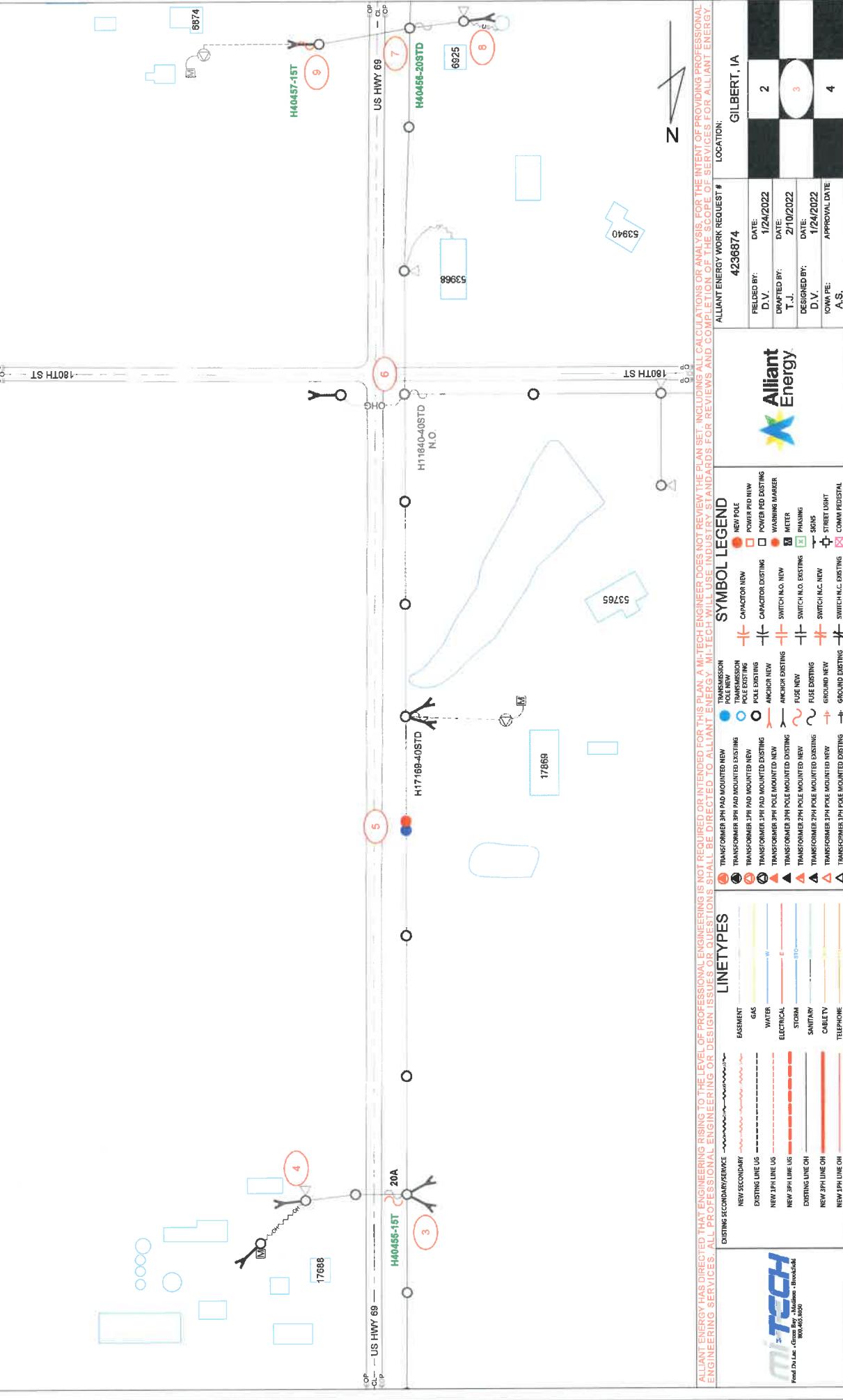
Midwest Technical Field  
Form No. 1 - Circuit Map  
800-445-4600

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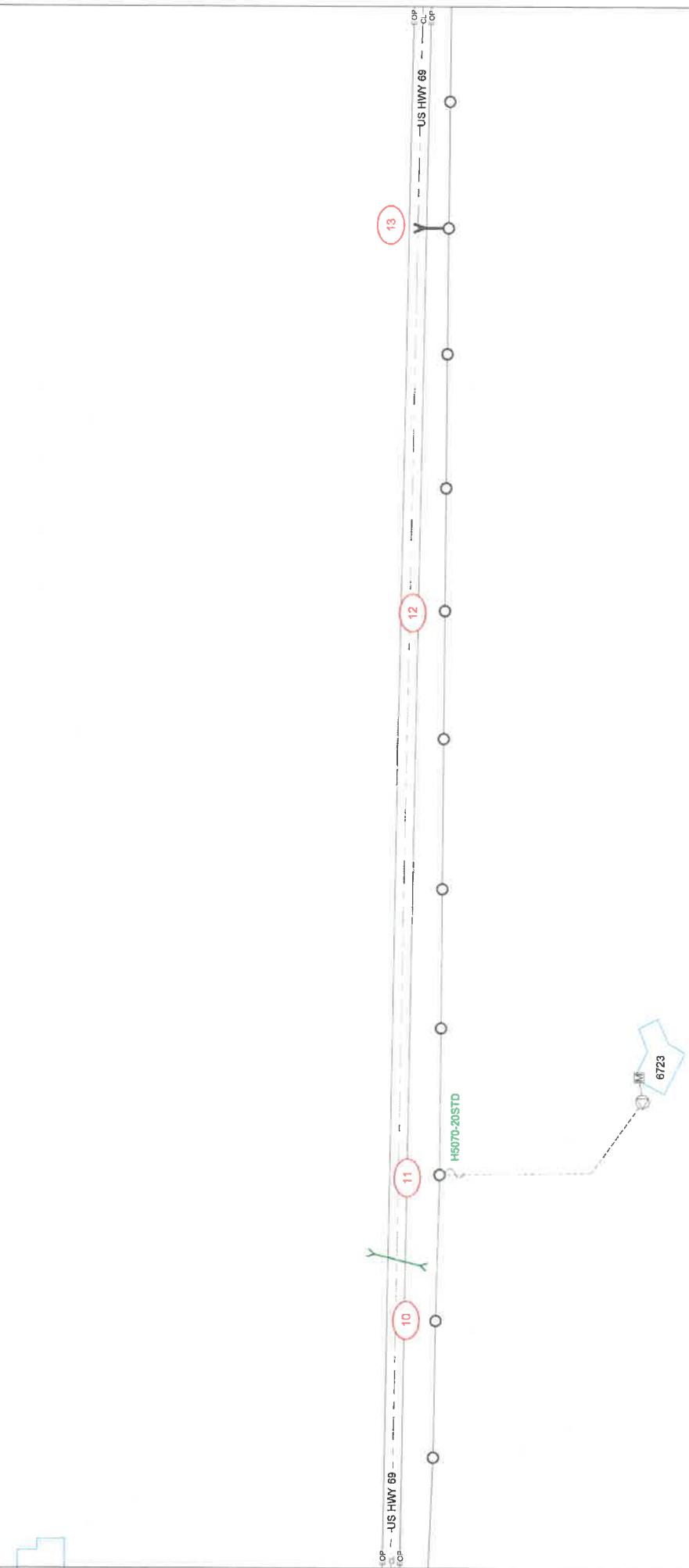


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<b>MI-TECH</b> <small>Field Drawings - General Plan - Applications - Street Address</small>																																																			

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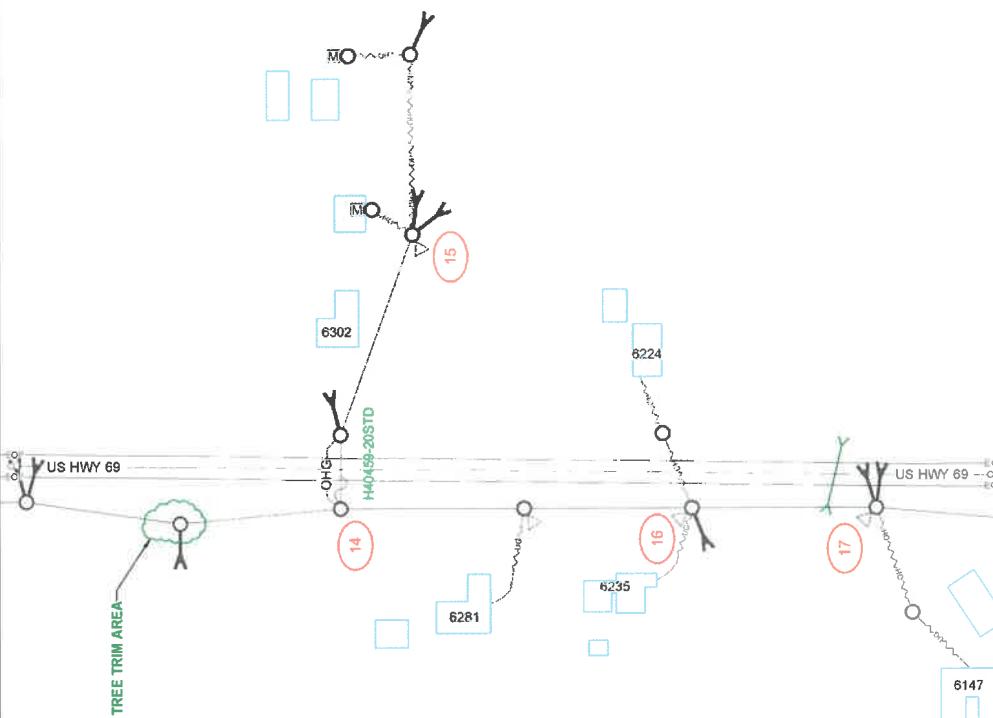
SYMBOL LEGEND	
NEW POLE	POWER FEED NEW
TRANSISSION POLE NEW	POWER FEED EXISTING
TRANSISSION POLE EXISTING	WARNING MARKER
CAPACITOR NEW	METER
CAPACITOR EXISTING	PHASING
ANCHOR NEW	SWITCH N.C. NEW
ANCHOR EXISTING	SWITCH N.O. EXISTING
ANCHOR EXISTING	SWITCH N.C. EXISTING
ANCHOR NEW	GROUND NEW
FUSE NEW	STREET LIGHT
FUSE EXISTING	COMM PROTAL
GROUND NEW	
GROUND EXISTING	

LINE TYPES	
EASEMENT	GENERAL INFORMATION: EASEMENT INFORMATION IS PROVIDED AS A GUIDE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND DEPTH OF THE EASEMENT.
NW/SECONDARY SERVICE	
EXISTING LINE LG	
NEW LINE LG	
NEW PH LINE LG	
NEW PH LINE EG	
EXISTING LINE OH	
NEW PH LINE OH	
NEW 3PH LINE OH	
EXISTING LINE OH	
NEW 3PH LINE OH	

EASEMENT	
GAS	
WATER	
ELECTRICAL	
STORM	
SANITARY	
CABLE-TV	
TELEPHONE	

**mi-TECH**  
Engineering Services • Construction • Inspection  
Field Line • Office Line • Distribution • Broadcast

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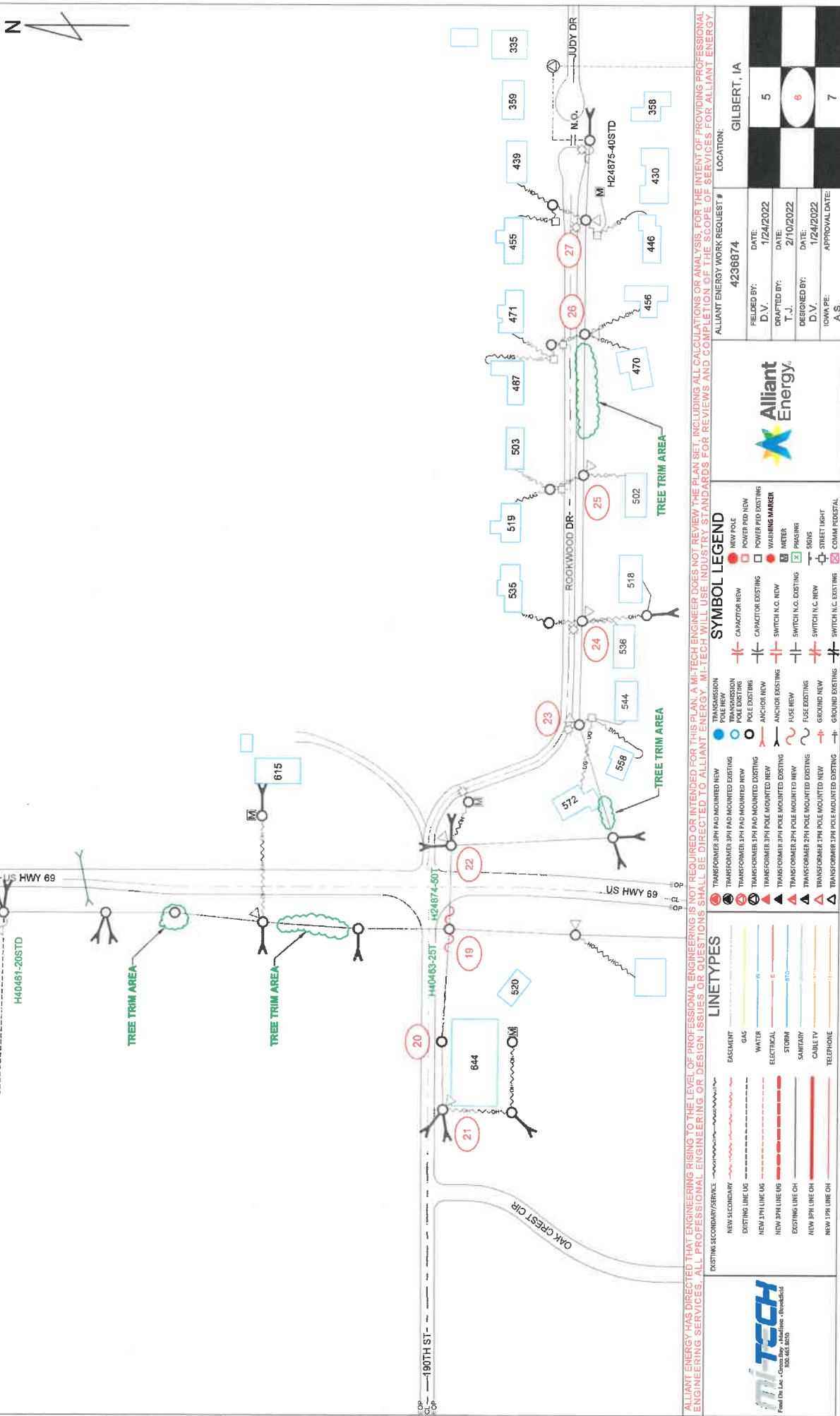
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DESIGNED BY:	T.J.	DATE:	2/10/2022	APPROVAL DATE:	6
IOWA PE:	A.S.				

SYMBOL LEGEND		TRANSMISSION		NEW POLE	
●	POLE NEW	●	POLE EXISTING	●	POWERED NEW
○	POLE NEW	○	POLE EXISTING	○	POWERED EXISTING
■	CAPACITOR NEW	■	CAPACITOR EXISTING	■	CAPACITOR EXISTING
▲	ANCHOR NEW	▲	ANCHOR EXISTING	▲	ANCHOR NEW
◆	SWITCH N.O. NEW	◆	SWITCH N.O. EXISTING	◆	SWITCH N.O. EXISTING
■	METER	■	METERS	■	METERS
□	PARKING	□	PARKING	□	PARKING
△	SWITCH N.C. NEW	△	SWITCH N.C. EXISTING	△	SWITCH N.C. EXISTING
□	STREET LIGHT	□	STREET LIGHT	□	STREET LIGHT
□	COMMAN PODEST	□	COMMAN PODEST	□	COMMAN PODEST

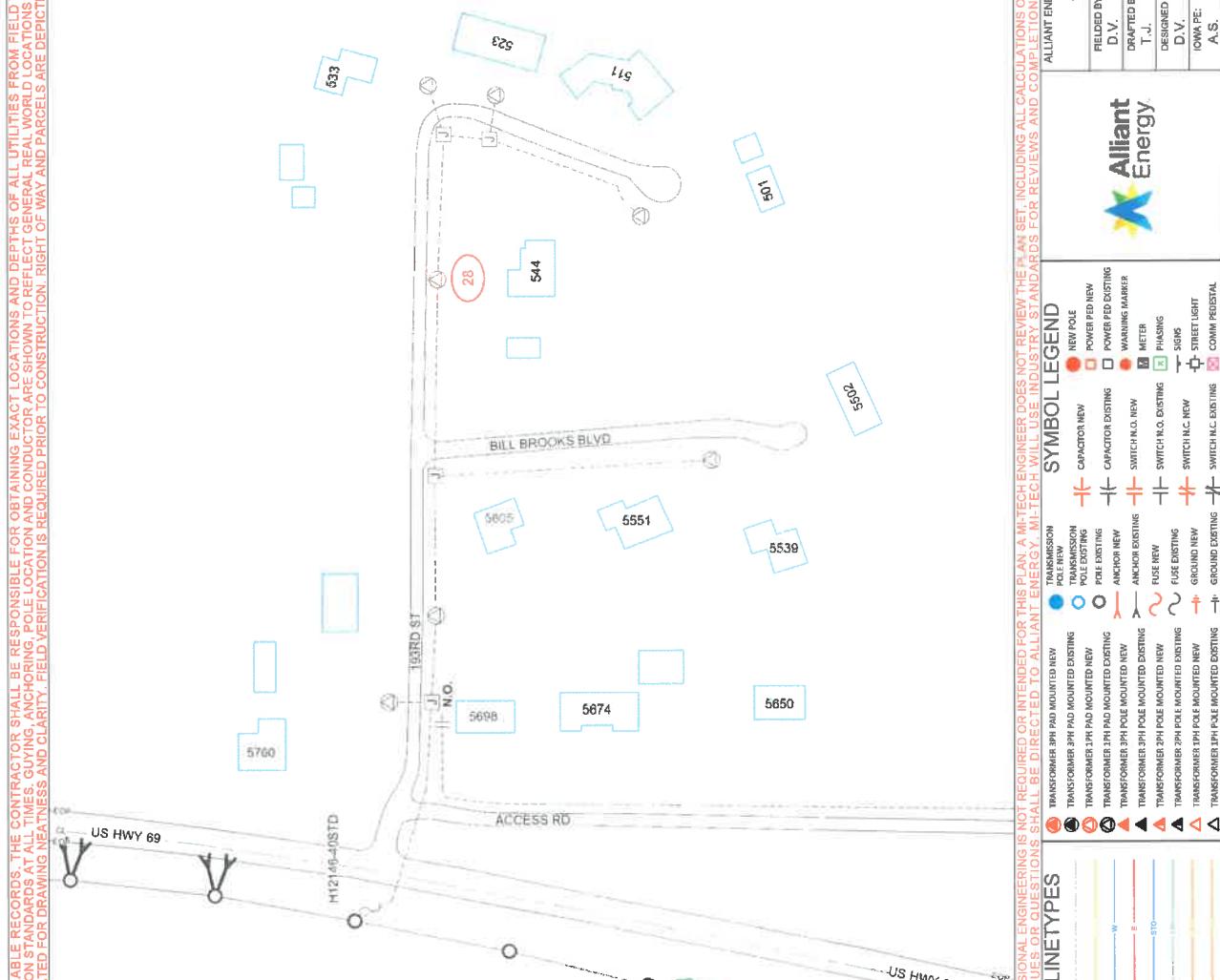
LINE TYPES		EASEMENT		GAS	
EXISTING SECONDARY/SERVICE	EXISTING LINE US	—	—	—	—
EXISTING LINE US	—	—	—	W	W
EXISTING LINE US	—	—	—	E	E
EXISTING LINE US	—	—	—	STO	STO
EXISTING LINE US	—	—	—	SHR	SHR
EXISTING LINE US	—	—	—	SANITARY	SANITARY
EXISTING LINE OH	—	—	—	CABLE TV	CABLE TV
EXISTING LINE OH	—	—	—	TELEPHONE	TELEPHONE
EXISTING LINE OH	—	—	—	NEW 1PH LINE OH	NEW 1PH LINE OH

<b>mi-TECH</b> Foothills • Chaska Bay • Mendota • St. Paul • Woodbury Food & Lodging • Healthcare • Education • Manufacturing • Technology • Transportation
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LOCATION:		GILBERT, IA	
ALLIANT ENERGY WORK REQUEST #		4236874	
FILED BY:	D.V.	DATE:	1/24/2022
DRAFTED BY:	T.J.	DATE:	2/10/2022
DESIGNED BY:	D.V.	DATE:	1/24/2022
IOWA PE:	A.S.	APPROVAL DATE	

#### LINETYPES

EXISTING	SECONDARY	EASEMENT
EXISTING	SECONDARY	GAS
EXISTING	SECONDARY	WATER
EXISTING	SECONDARY	ELECTRICAL
EXISTING	SECONDARY	STORM
EXISTING	SECONDARY	SANITARY
EXISTING	SECONDARY	CABLE TV
EXISTING	SECONDARY	TELEPHONE

#### SYMBOL LEGEND

TRANSFORMER 3PH PAD MOUNTED NEW	TRANSFORMER 3PH PAD MOUNTED EXISTING	TRANSFORMER 3PH PAD & MOUNTED NEW	TRANSFORMER 3PH PAD & MOUNTED EXISTING	TRANSFORMER 3PH POLE MOUNTED NEW	TRANSFORMER 3PH POLE MOUNTED EXISTING	TRANSFORMER 3PH POLE MOUNTED NEW	TRANSFORMER 3PH POLE MOUNTED EXISTING	TRANSFORMER 3PH POLE MOUNTED NEW	TRANSFORMER 3PH POLE MOUNTED EXISTING	TRANSFORMER 3PH POLE MOUNTED NEW	TRANSFORMER 3PH POLE MOUNTED EXISTING
POLE NEW	POLE EXISTING	POLE NEW	POLE EXISTING	ANCHOR NEW	ANCHOR EXISTING	FUSE NEW	FUSE EXISTING	GROUND NEW	GROUND EXISTING	GROUND NEW	GROUND EXISTING
POWERED NEW	POWERED EXISTING	POWERED NEW	POWERED EXISTING	WARNING MARKER	METER	SHARING	SHARING	STREET LIGHT	STREET LIGHT	COMM. PEDESTAL	COMM. PEDESTAL
CAPACITOR NEW	CAPACITOR EXISTING	CAPACITOR NEW	CAPACITOR EXISTING	SWITCH N.O. NEW	SWITCH N.O. EXISTING	SWITCH N.O. NEW	SWITCH N.O. EXISTING	SWITCH N.C. NEW	SWITCH N.C. EXISTING	SWITCH N.C. NEW	SWITCH N.C. EXISTING
TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS	TRANS

**mi-TECH**  
Road Dr. Loc. - Green Bay Locations - Brookfield  
800.463.9850

**STORY COUNTY UTILITY PERMIT**Date 3/16/22

To the Board of Supervisors, Story County, Iowa:

The Interstate Power & Light (Alliant Energy) Company, incorporated under the laws of Iowa, authorize to do business within the State of Iowa, with its principal place of business at Gilbert, IA, does hereby make application requesting permission to occupy certain portions of public right-of-way and that the County Engineer be directed to establish the location of lines of transmission of electricity on secondary route multiple roads, from 170th St to 190th St, a distance of 2 miles.

**Agreements:** The utility company, corporation, applicant, permittee, or licensee, (hereinafter referred to as the permittee) agrees that the following stipulations shall govern under this permit.

1. The Permittee will file a plat setting out the location of proposed line on the secondary route and that the description of the proposed installation including type, height, and spacing of poles, maximum voltage, lengths of cross arms, minimum clearance and number of wires, type, size and capacity of underground cables, conduits, tile lines, and pipe lines, maximum working pressures for pipe lines carrying gas or flammable petroleum products are described as follows:
  
2. The installation shall meet the requirements of county, state, and federal laws, franchise rules, and of the Iowa State Commerce Commission Regulations and Directives, Utilities Division, the Iowa State Department of Health, and any other laws or regulations applicable.
  
3. The Permittee shall be fully responsible for any future adjustments of its facilities within the established highway right-of-way caused by highway construction or maintenance operations.
  
4. Story County assumes no responsibility for damages to the Permittee's property occasioned by any construction or maintenance operations on said highways.
  
5. The Permittee shall take all reasonable precautions during the construction and maintenance of said installation to protect and safeguard the lives and property of the traveling public and adjacent property owners.
  
6. The Permittee, and its contractors, shall carry on the construction or repair of the accommodated utility with serious regard to the safety of the public. Traffic protection shall be in accordance with Part VI of the current Iowa Department of Transportation Manual on Uniform Control Devices for Streets and Highways.
  
7. The Permittee shall be responsible for any damage resulting to said highways because of the construction operation, or maintenance of said utility, and shall reimburse Story County for any expenditure the County may have to make on said highways because of said permittee's utility having been constructed, operated, and maintained thereon.
  
8. The Permittee shall indemnify and save harmless Story County from any and all causes of action, suits at law or in equity, or losses, damages, claims, or demands, and from any and all

liability and expense of whatsoever nature for, on account of or due to the acts or omissions of said Permittee's officers, members, agents, representatives, contractors, employees or assigns arising out of or in connection with its (or their) use or occupancy of the public highway under this permit.

9. Noncompliance with any of the terms of permit, or agreement, may be considered cause for shut down of utility construction operations, or revocation of the permit.

10. The following special requirements, if applicable, shall apply to this permit:

Whenever the route of the proposed cable line runs along a paved secondary highway, the location of said cable shall be constructed on top of the road shoulder so as to be within approximately two-feet of the pavement edge.

Whenever the route of the proposed cable line runs along a dirt or gravel surfaced highway, the location of said cable shall be constructed on top of the road surface and as near possible to the shoulder line

Whenever a cross road culvert or bridge is encountered along the route of the proposed cable lines, said cable shall be constructed around the ends of said cross road culvert or bridge even though this looping is not designated on the situation plans attached hereto.

The crossing of the cable line from one side of the highway to the other shall be accomplished at a near right angle rather than diagonally so as to disturb the roadbed of the traveled way as little as possible.

Whenever the route of the proposed cable line is to cross a paved highway, such crossing shall be in a bored hole rather than open cut trench.

Date 3/2/22

Interstate Power & Light (Alliant Energy)

Name of Company (Applicant - Permittee)

Matthew O. Deam 641-481-6108

by \_\_\_\_\_ Phone no.

Recommended for Approval:

Date 3-16-22

David Mervin 515-382-7355

County Engineer

Phone no.

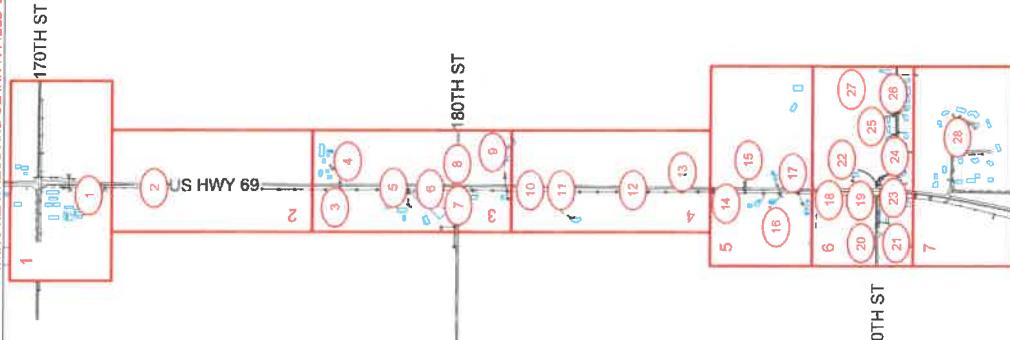
Approved:

Date \_\_\_\_\_

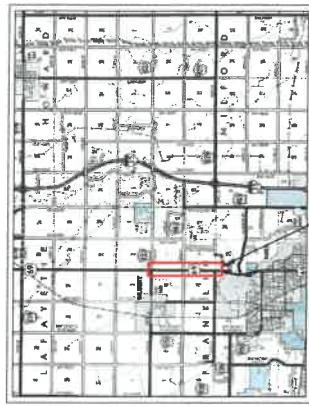
Chair, Board of Supervisors  
Story County, Iowa

Three (3) copies of this form will be required for each installation. A plat shall be attached to each copy submitted.

UTILITIES SHOWN ON THIS PLAN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES FROM FIELD VERIFICATION AND CONTACT WITH UTILITY OWNERS. CONTRACTOR IS TO FOLLOW IESCCODE AND ALLIANT ENERGY IFL CONSTRUCTION STANDARDS AT ALL TIMES. GUYING, ANCHORING POLE LOCATION AND CONDUCTOR ARE SHOWN TO REFLECT GENERAL REAL WORLD LOCATIONS AND DIRECTION AND SHOULD NOT BE INTERPRETED AS EXACT. SOME INTENDED STRUCTURE LOCATIONS AND DIRECTIONS ARE MANIPULATED FOR DRAWING NEATNESS AND CLARITY. FIELD VERIFICATION IS REQUIRED PRIOR TO CONSTRUCTION. RIGHT OF WAY AND PARCELS ARE DEPICTED IN ACCORDANCE WITH AVAILABLE COUNTY GIS DATA.



VICINITY MAP



PROJECT LOCATION

**PROJECT CONTACTS**

CONTRACT DESIGNER: ALLIANT ENERGY ENGINEER:  
DYLAN VASSAR JOSH LONG  
(515) 401-2121 (CELL)

IOWA ONE CALL:  
(800) 282-8999 OR 811

PERMITS REQUIRED:  
IDOT  
STORY COUNTY

ALL RETIREMENT IS BLUE

ALL CALCULATIONS OR ANALYSIS FOR THE INTENT OF PROVIDING PROFESSIONAL SERVICES FOR ALLIANT ENERGY WILL USE INDUSTRY STANDARDS FOR REVIEWS AND COMPLETION OF THE SCOPE OF SERVICES REQUEST #

LOCATION:	GILBERT, IA
DATE:	1/24/2022
FIELDED BY:	D.V.
DRAFTED BY:	T.J.
DESIGNED BY:	D.V.
APPROVAL DATE:	1/24/2022
ICWAE:	A.S.



**SYMBOL LEGEND**

NEW POLE	POWER FLD NEW	POWER FLD EXISTING
TRANSITION POLE NEW	CAPACITOR NEW	CAPACITOR EXISTING
POLE EXISTING	ANCHOR NEW	ANCHOR EXISTING
TRANSFORMER 1PH PAD MOUNTED NEW	SWITCH Q. NEW	SWITCH Q. EXISTING
TRANSFORMER 1PH PAD MOUNTED DISTING	FUSE NEW	FUSE EXISTING
TRANSFORMER 1PH POLE MOUNTED NEW	GROUND NEW	GROUND EXISTING
TRANSFORMER 1PH POLE MOUNTED EXISTING	SWITCH H.C. NEW	SWITCH H.C. EXISTING
TRANSFORMER 1PH POLE MOUNTED NEW	STREET LIGHT	COMM PESTELA
TRANSFORMER 1PH POLE MOUNTED DISTING		
TRANSFORMER 1PH POLE MOUNTED NEW		
TRANSFORMER 1PH POLE MOUNTED EXISTING		

**LINETYPEs**

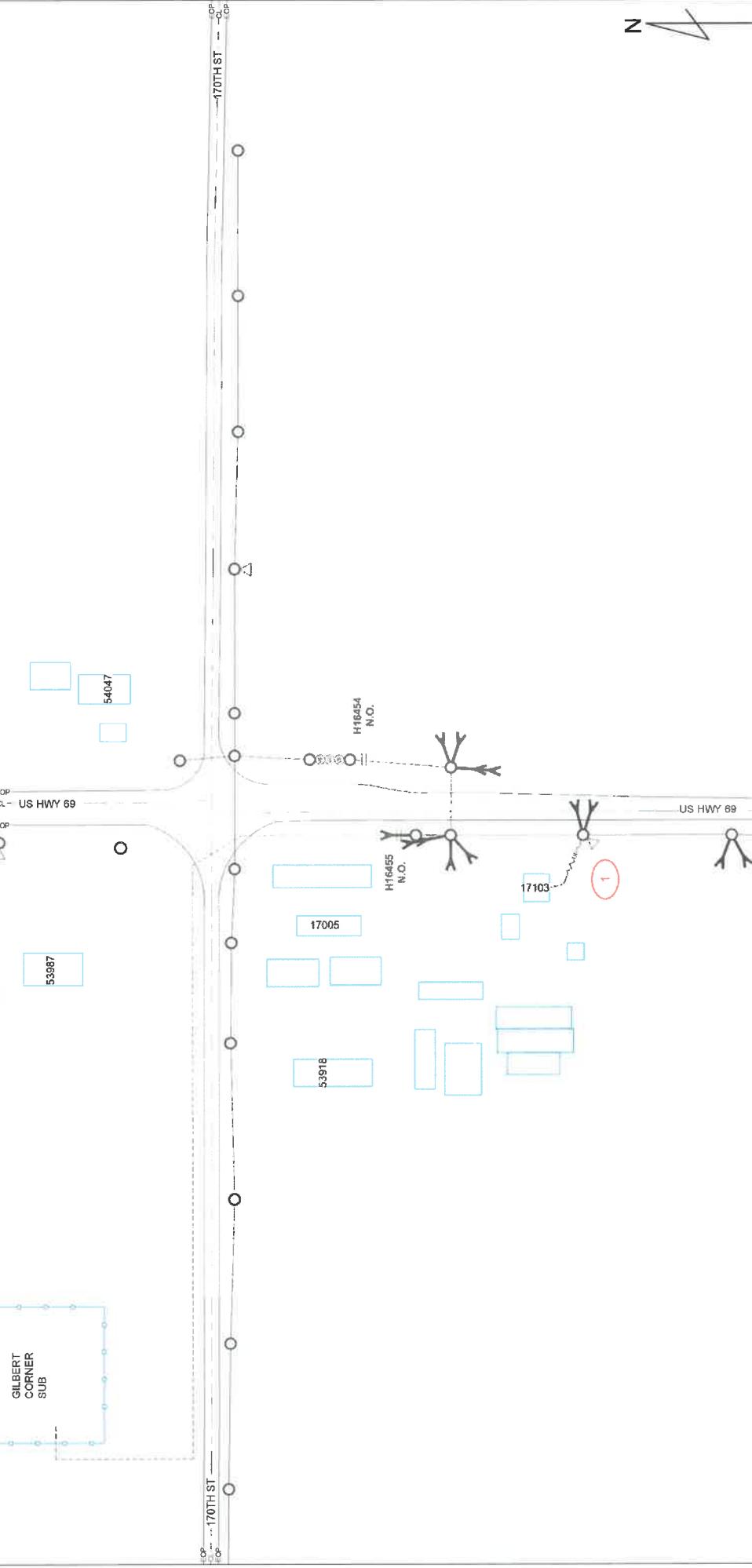
EASEMENT	GAS	WATER	ELECTRICAL	STORM	SANITARY	CABLE TV	TELEPHONE
NEW SECONDARY	—	—	—	—	—	—	—
EXISTING LINE LG	—	—	—	—	—	—	—
NEW SPH LINE LG	—	—	—	—	—	—	—
NEW SPH LINE OG	—	—	—	—	—	—	—
EXISTING LINE CH	—	—	—	—	—	—	—
NEW SPH LINE CH	—	—	—	—	—	—	—
EXISTING LINE OG	—	—	—	—	—	—	—

ALLIANT ENERGY HAS DIRECTED THAT ENGINEERING RISING TO THE LEVEL OF PROFESSIONAL ENGINEERING, M-TECH WILL NOT REVIEW THE PLAN SET INCLUDING ALL CALCULATIONS OR ANALYSIS FOR THE INTENT OF PROVIDING PROFESSIONAL SERVICES FOR ALLIANT ENERGY.

Engineering Services	All Professional Engineering
M-TECH	ALLIANT ENERGY

Feed On Line - Cross Bay - Bellville - Rockford  
800-465-8049

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LOCATION:	GILBERT, IA
ALLIANT ENERGY WORK REQUEST #	4236874
FILED BY:	D.V.
DATE:	1/24/2022
DRASTED BY:	T.J.
DATE:	2/10/2022
DESIGNED BY:	D.V.
DATE:	1/24/2022
APPROVAL DATE:	IOWA P.E. A.S.



Food Deli • Cross Key Substation • Blood/Third  
800.866.4420

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ALLIANT ENERGY WORK REQUEST # 4236874 LOCATION: GILBERT, IA	
FIELDED BY: D.V. DATE: 1/24/2022	DRAINED BY: T.J. DATE: 2/10/2022
DESIGNED BY: D.V. IOWA RE: A.S. APPROVAL DATE:	

Z

SYMBOL LEGEND	
NEW POLE	POWER FEED NEW
TRANSITION POLE NEW	POWER FEED EXISTING
POLE NEW	CAPACITOR NEW
POLE EXISTING	CAPACITOR EXISTING
ANCHOR NEW	ANCHOR EXISTING
ANCHOR EXISTING	SWITCH NO. NEW
TRANSFORMER SPH PAD MOUNTED NEW	SWITCH NO. EXISTING
TRANSFORMER SPH PAD MOUNTED EXISTING	FUSE NEW
TRANSFORMER SPH POLE MOUNTED NEW	FUSE EXISTING
TRANSFORMER SPH POLE MOUNTED EXISTING	GROUND NEW
TRANSFORMER SPH POLE MOUNTED NEW	SWITCH INC. NEW
TRANSFORMER SPH POLE MOUNTED EXISTING	SWITCH INC. EXISTING
TRANSFORMER SPH POLE MOUNTED EXISTING	GROUNDED EXISTING
TRANSFORMER SPH POLE MOUNTED NEW	STREET LIGHT
TRANSFORMER SPH POLE MOUNTED EXISTING	COMM PEDSTL

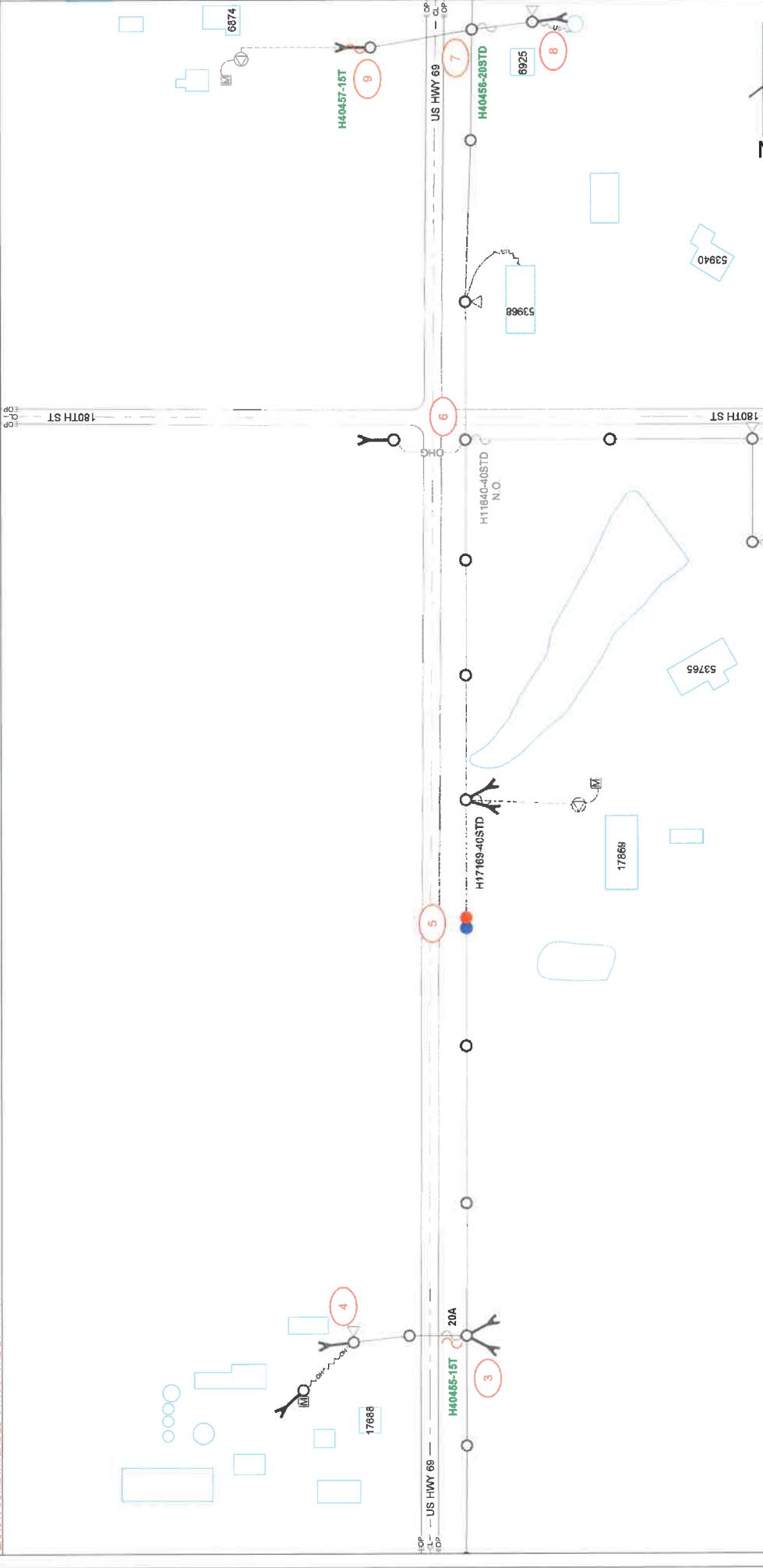
#### LINETYPE

EXISTING SECONDARY/SERVICE	EASEMENT
NW-SECONDARY	
EXISTING LINE LG	
NEW PH LINE LG	
NEW PH LINE LG	
NEW PH LINE LG	
EXISTING LINE CH	
NEW PH LINE CH	
NEW PH LINE CH	
EXISTING LINE OH	
TELEPHONE	
TELEPHONE	
TELEPHONE	



M-TECH  
Engineering Services - Electrical  
Feed Line - Cross Arm  
Switches - Transformers - Breakers

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LOCATION:		GILBERT, IA	
ALLIANT ENERGY WORK REQUEST #		4236874	
FIELDED BY:	D.V.	DATE:	1/24/2022
DRAINED BY:	T.J.	DATE:	2/10/2022
DESIGNED BY:	D.V.	DATE:	1/24/2022
OWNER:	A.S.	APPROVAL DATE:	

#### SYMBOL LEGEND

TRANSFORMER 3PH PAD MOUNTED NEW	NEW POLE
TRANSFORMER 3PH PAD MOUNTED EXISTING	POWERED NEW
TRANSFORMER 3PH PAD MOUNTED NEW	POWERED EXISTING
TRANSFORMER 3PH PAD MOUNTED EXISTING	ANCHOR NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	ANCHOR EXISTING
TRANSFORMER 3PH POLE MOUNTED NEW	SWITCH NO. NEW
TRANSFORMER 3PH POLE MOUNTED NEW	SWITCH NO. EXISTING
TRANSFORMER 3PH POLE MOUNTED EXISTING	FUSE NEW
TRANSFORMER 3PH POLE MOUNTED EXISTING	FUSE EXISTING
TRANSFORMER 3PH POLE MOUNTED NEW	GROUNDS NEW
TRANSFORMER 3PH POLE MOUNTED EXISTING	GROUNDS EXISTING
TRANSFORMER 3PH POLE MOUNTED NEW	SWITCH NO. NEW
TRANSFORMER 3PH POLE MOUNTED EXISTING	SWITCH NO. EXISTING
TRANSFORMER 3PH POLE MOUNTED NEW	GROUND EXISTING
TRANSFORMER 3PH POLE MOUNTED EXISTING	GROUND EXISTING

#### LINETYPES

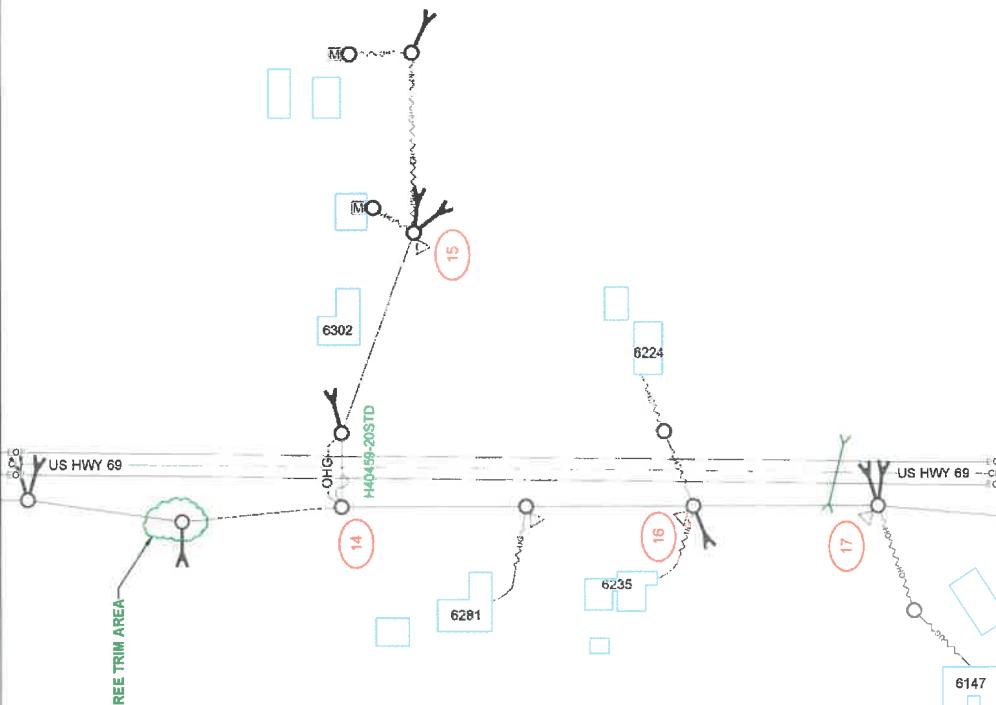
EASEMENT	GAS
EXISTING LINE US	WATER
EXISTING LINE US	ELECTRICAL
NEW PH LINE US	STORM
NEW 3PH LINE US	SANITARY
EXISTING LINE OH	CABLE TV
NEW PH LINE OH	TELEPHONE
NEW 3PH LINE OH	
NEW 1PH LINE ON	

**MILTECH**  
Field Trac - Chem Ray - Industrial - BlockRock  
QSR/Miltech

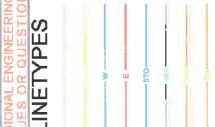
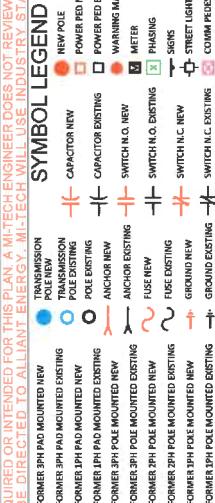
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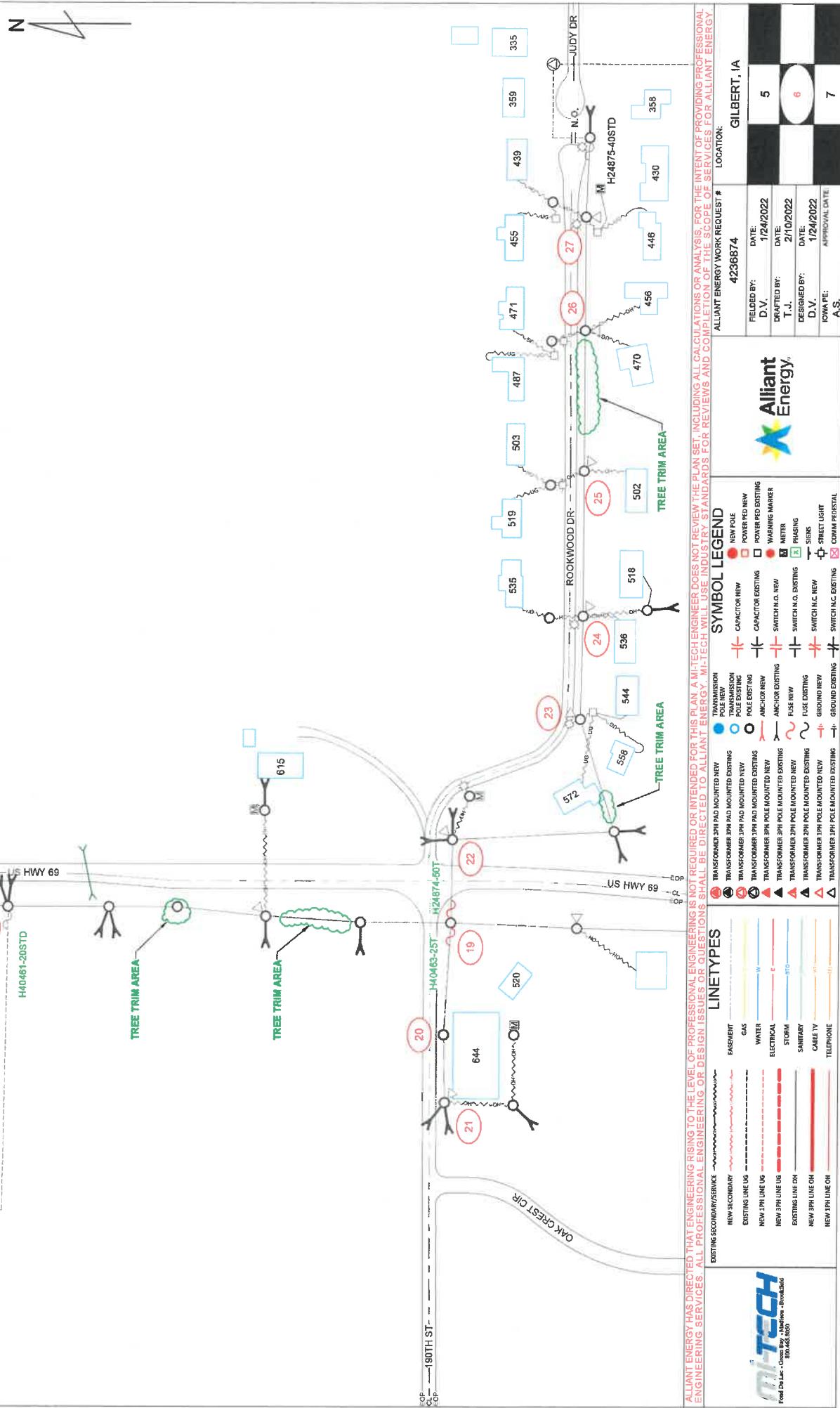


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ALLIANT ENERGY WORK REQUEST #		GILBERT, IA	
4236874		4236874	
FIELDED BY:	D.V.	DATE:	1/24/2022
DRASTED BY:	T.J.	DATE:	1/10/2022
DESIGNED BY:	D.V.	DATE:	1/24/2022
IOWA PE:	A.S.	APPROVAL DATE:	

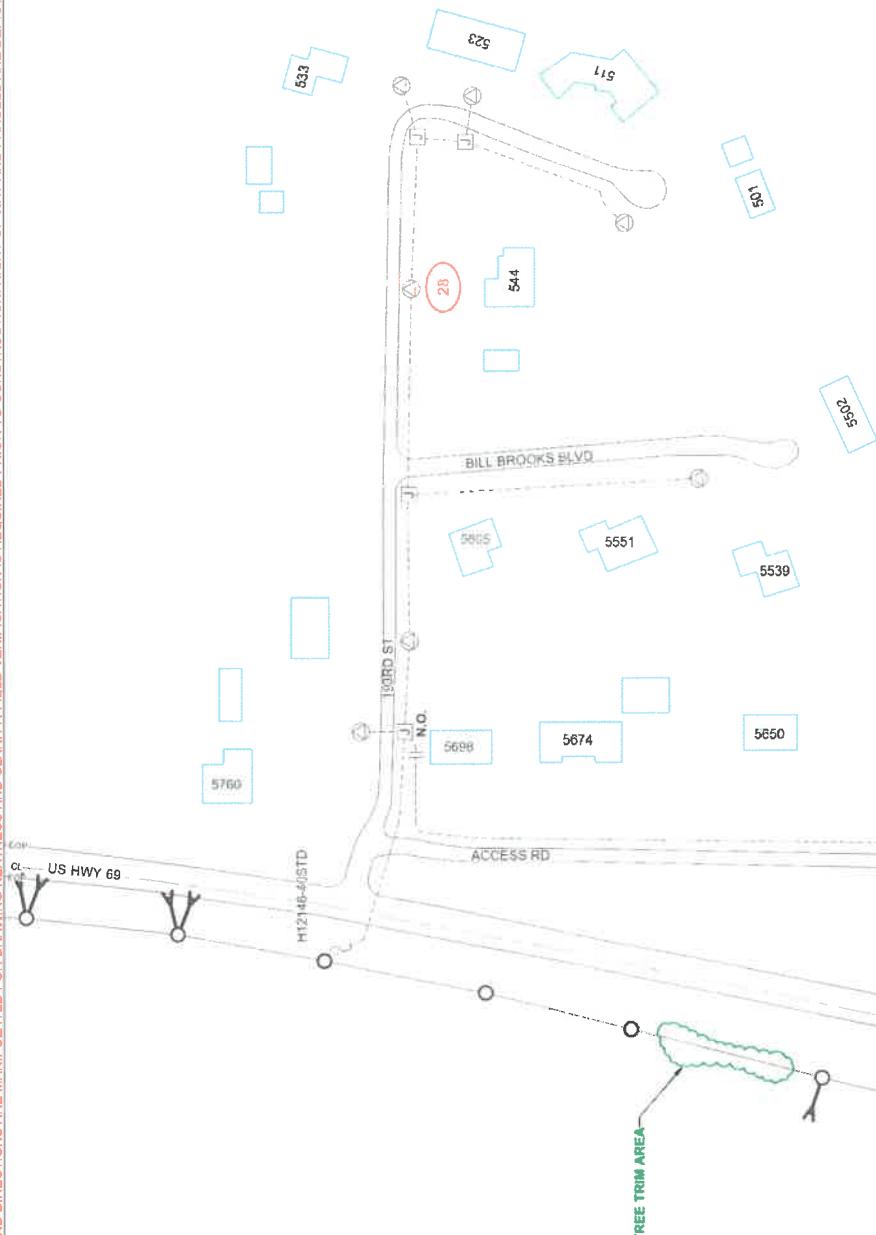


6132	M-TECH	Attn: Kyle Blockfield Food Deli - Cross Keys 1800 3rd St NW
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ALLIANT ENERGY WORK REQUEST #

4236874

FILED BY:

D.V.

DATE:

1/24/2022

6

FILED BY:

T.J.

DATE:

2/10/2022

DRAFTED BY:

T.J.

DESIGNED BY:

D.V.

DATE:

1/24/2022

APPROVAL DATE:

A.S.



#### SYMBOL LEGEND

NEW POLE	POWERED NEW
TRANSFORMER 3PH PAD MOUNTED NEW	TRANSFORMATION
TRANSFORMER 3PH PAD MOUNTED EXISTING	POLE EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	ANCHOR NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	ANCHOR EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	FUSE NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	FUSE EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	GROUND NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	GROUND EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	SWITCH N.C. NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	SWITCH N.C. EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	SWITCH N.O. NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	SWITCH N.O. EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	SWITCH NO. NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	SWITCH NO. EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	SWITCH P.C. NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	SWITCH P.C. EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	SWITCH S.C. NEW
TRANSFORMER 3PH PAD MOUNTED EXISTING	SWITCH S.C. EXISTING
TRANSFORMER 3PH PAD MOUNTED NEW	WIRING

#### LINETYPES

EASEMENT	GAS
NEW SECONDARY	WATER
EXISTING LINE LG	ELECTRICAL
NEW 3PH LINE LG	SANITARY
EXISTING LINE OH	CABLE TV
NEW 3PH LINE OH	TELEPHONE



M-Tech

Field Drawings - Crossings - Structures

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